

MODIFIED AMINOPLAST CROSSLINKERS AND POWDER COATING
COMPOSITIONS CONTAINING SUCH CROSSLINKERS

ABSTRACT OF THE INVENTION

5 A crosslinking agent is provided which is an ungelled reaction product
of (a) an aminoplast resin and (b) a compound having active hydrogen groups
reactive with the aminoplast resin (a) such that the crosslinking agent is
essentially free of functional groups reactive with aminoplast resin and has a
glass transition temperature of at least 10°C. Also provided is a method for
10 preparing the crosslinking agent. Further provided is a curable powder
coating composition including (A) a polymer having a glass transition
temperature of at least 30°C containing reactive functional groups and (B) the
previously described crosslinking agent. Additionally provided is a multilayer
composite coating composition including a base coat deposited from a film-
15 forming composition and a top coat over the base coat deposited from the
previously described powder coating composition. Coated substrates are also
provided.